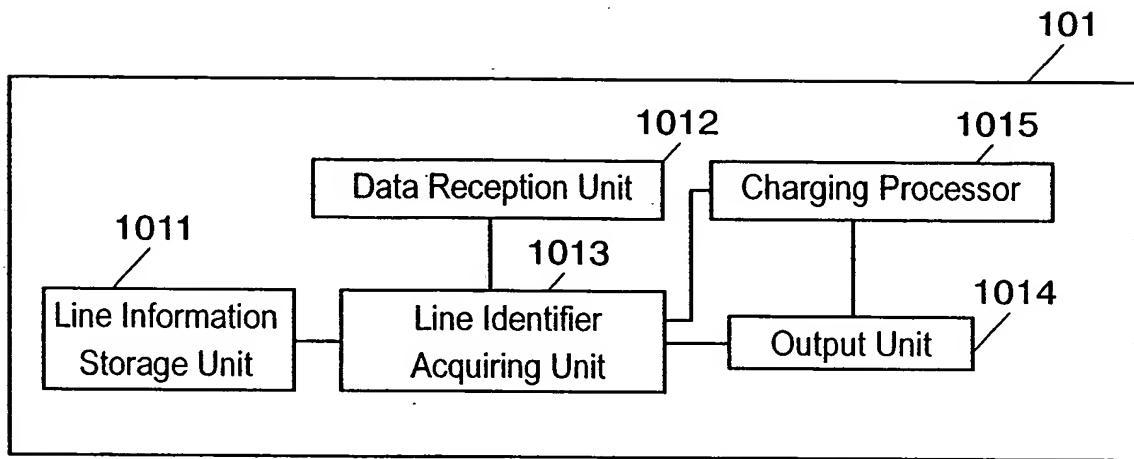


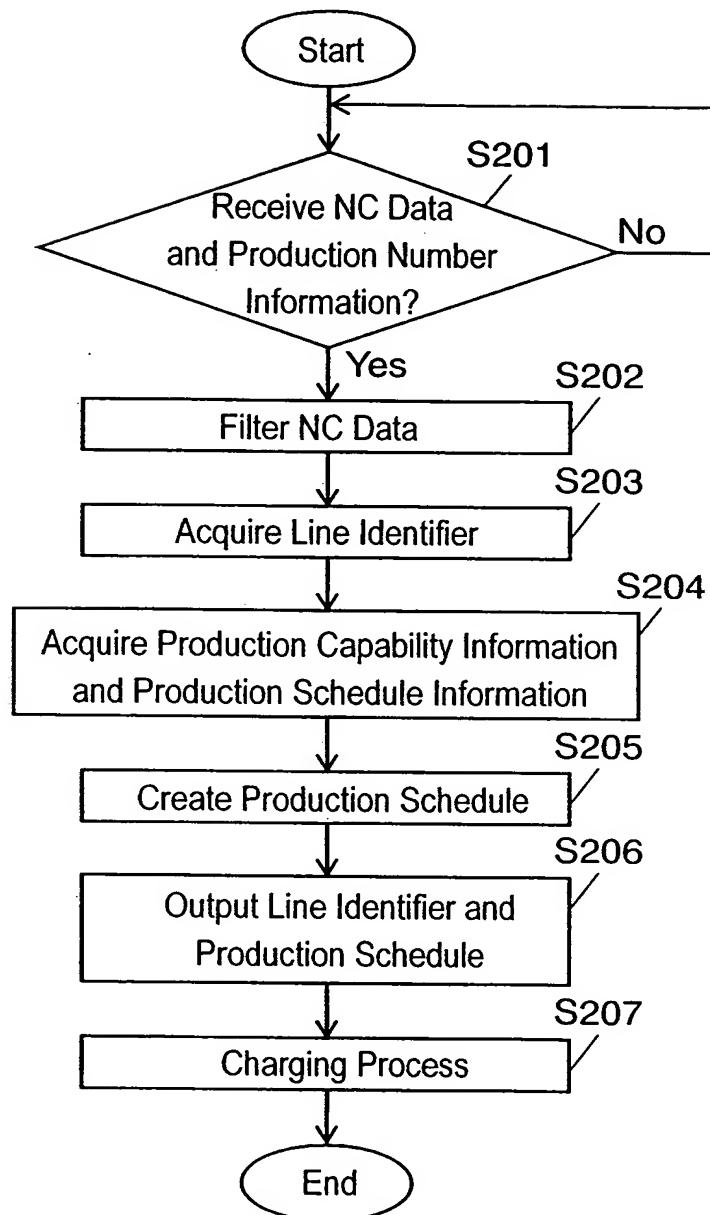
1/13

FIG. 1



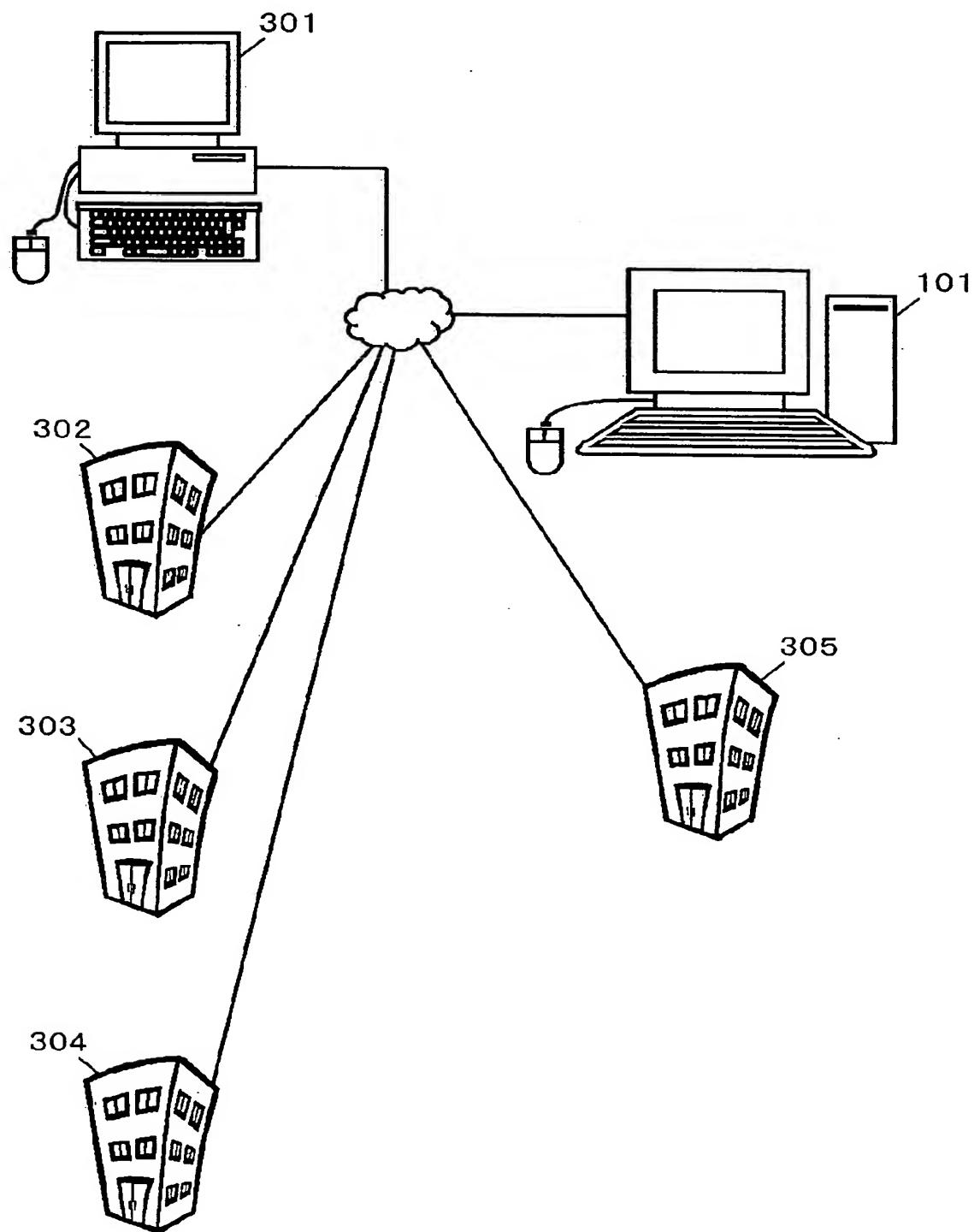
2/13

FIG. 2



3/13

FIG. 3



4/13

FIG. 4

Line Identifier	Size Information (Maximum Size)	Component Information	Production Capacity Information (min/pcs)	Schedule Information (Production Period)
Company A Line 1	(330×250)	0603-□55mmQFP, QSP Connector, Resistor,...	2	Production Possible from 2003/7/1
Company A Line 2	(510×460)	0603-□55mmQFP, QSP Connector,...	3	2003/5/1 - 2003/12/1
Company B Line	(330×250)	0603-□55mmQFP, QSP Connector,...	2.5	Production Possible from 2003/10/1
Company C Line	(510×460)	0603-□55mmQFP, QSP Connector,...	3.5	
• • • •	• • • •	• • • •	• • • •	• • • •

5/13

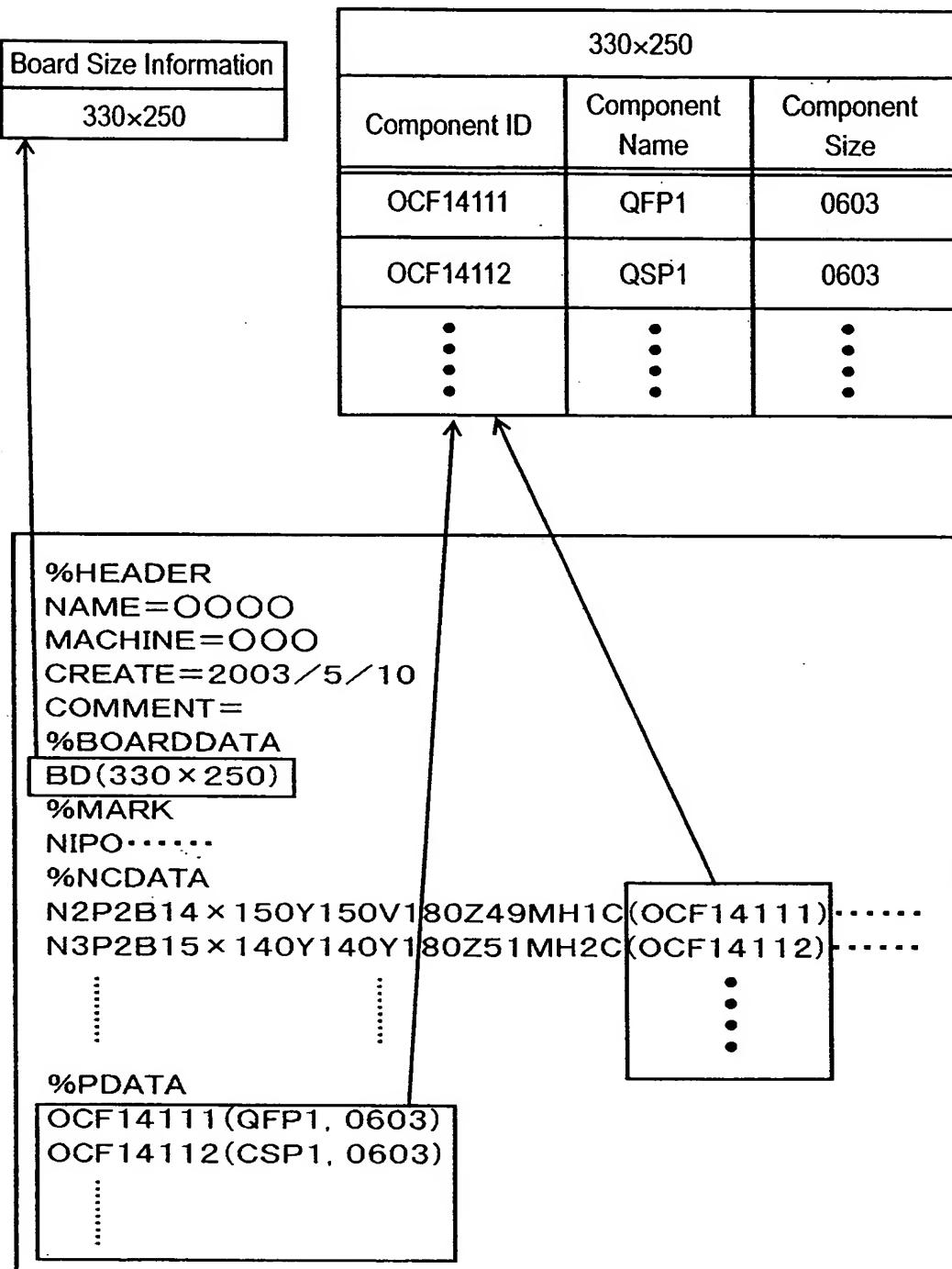
FIG. 5

```
%HEADER
NAME=0000
MACHINE=000
CREATE=2003/5/10
COMMENT=
%BOARDATA
BD(330×250)
%MARK
NIPQ.....
%NCDATA
N2P2B14×150Y150V180Z49MH1C(OCF14111).....
N3P2B15×140Y140V180Z51MH2C(OCF14112).....
.
.
.
%PDATA
OCF14111(QFP1, 0603)
OCF14112(CSP1, 0603)
.
```

FIG. 6

Board ID	Quantity (pcs)
U1	20,000

6/13
FIG. 7



7/13
FIG. 8

Board Size Information
330×250

330×250		
Component ID	Component Name	Component Size
OCF14111	QFP1	0603
OCF14112	QSP1	0603
• • •	• • •	• • •

Line Identifier	Size Information (Maximum Size)	Component Information	Production Capacity Information (min/pcs)	Schedule Information (Production Period)
Company A Line 1	(330×250)	0603-□55mmQFP, QSP Connector, Resistor,...	2	Production Possible from 2003/7/1
Company A Line 2	(510×460)	0603-□55mmQFP, QSP Connector,...	3	2003/5/1 - 2003/12/1
Company B Line	(330×250)	0603-□55mmQFP, QSP Connector,...	2.5	Production Possible from 2003/10/1
Company C Line	(510×460)	0603-□55mmQFP, QSP Connector,...	3.5	
• • •	• • •	• • •	• • •	• • •

Line Identifier
Company A Line 1
Company B Line

8/13

FIG. 9

Production Possible Line Information			
Line Identifier	Production Schedule		Production Commision
Company A Line 1	Start Production	July 1, 2003	1 mil yen (50 yen/pcs)
	Complete Production	July 28, 2003	
	Total Production Time	666.7 hours	
Company B Line	Start Production	Oct. 1, 2003	800,000 yen (40 yen/pcs)
	Complete Production	Nov. 5, 2003	
	Total Production Time	833.3 hours	

9/13

FIG. 10

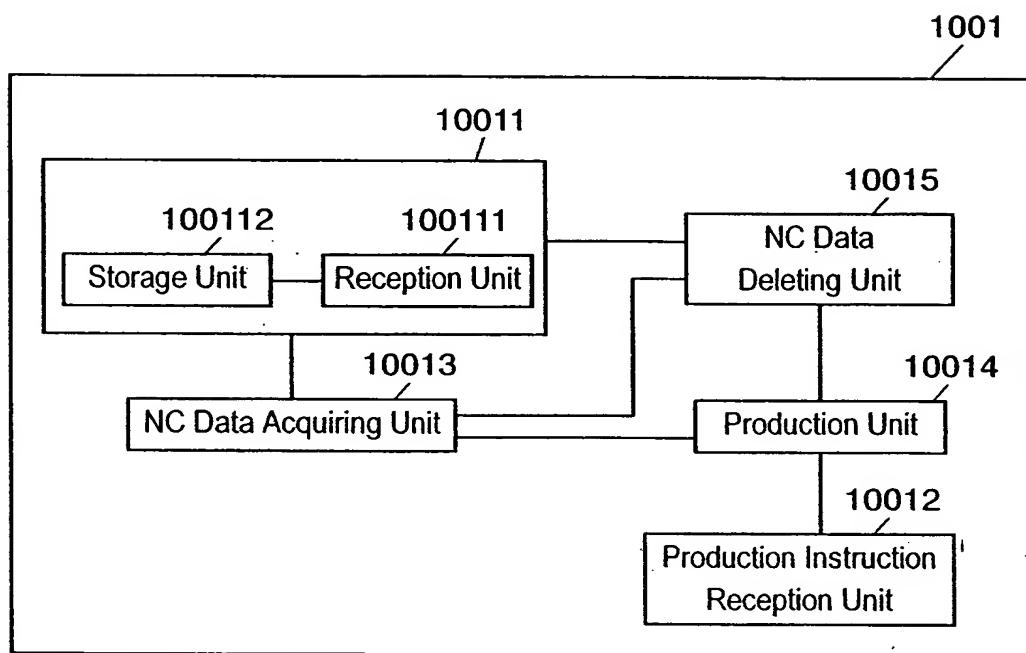
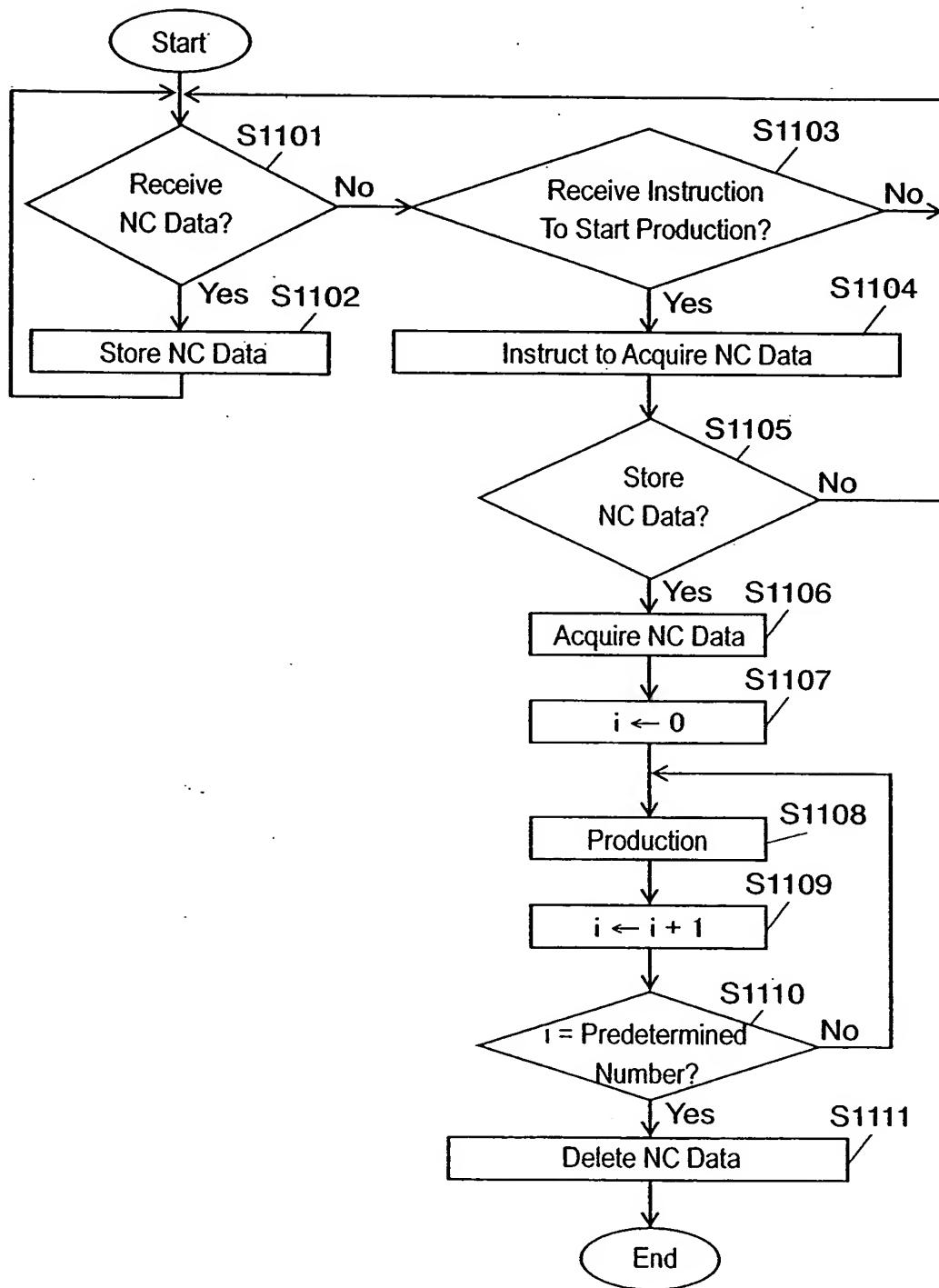
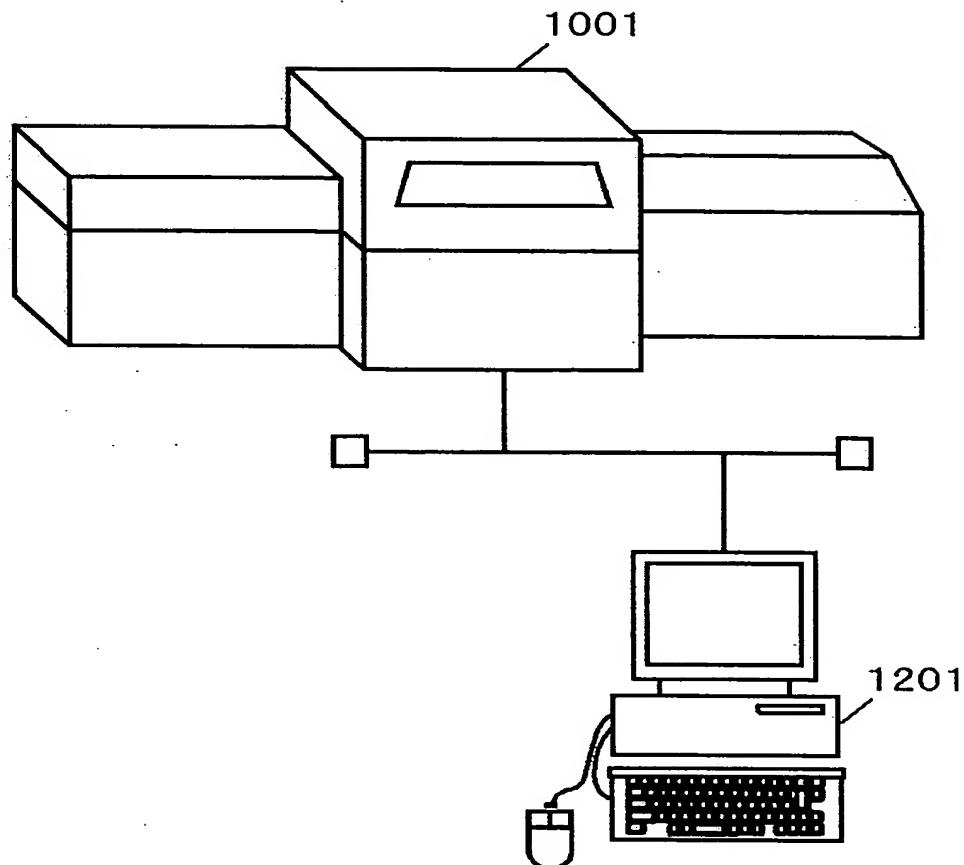


FIG. 11

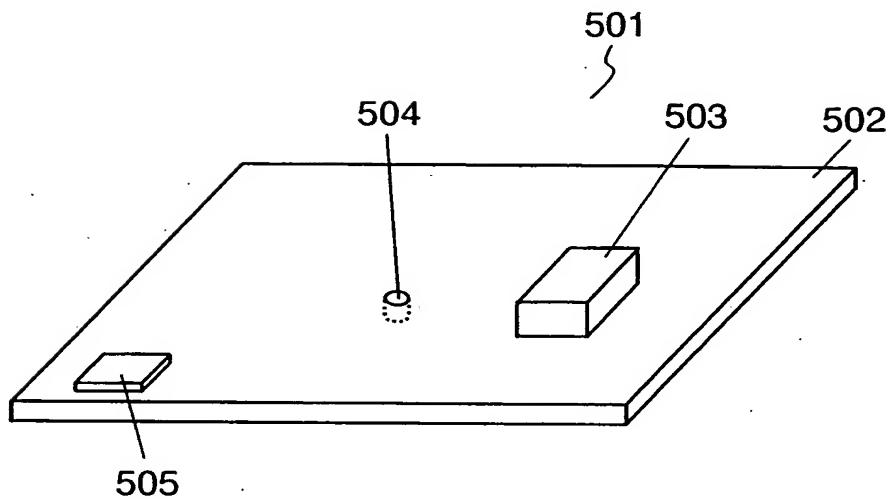


11/13
FIG. 12



12/13

FIG. 13



13/13

Reference Numerals

- 1011** Line Information Storage Unit
- 1012** Data Reception Unit
- 1013** Line Identifier Acquiring Unit
- 1014** Output Unit
- 10011** NC Data Reception Unit
- 10012** Production Instruction Reception Unit
- 10013** NC Data Acquiring Unit
- 10014** Production Unit
- 10015** NC Data Deleting Unit